

Amendments to the Claims

1. (*Currently Amended*) An array (10) of MRAM-cells (12) provided with a security device (14) for destroying data stored in the MRAM-cells (12) when the array is subject to tampering, wherein the security device (14) is a magnetic device.
2. (*Currently Amended*) An array (10) of MRAM-cells (12) according to claim 1, wherein the security device (14) comprises a magnetic field source (16) in combination with a first soft-magnetic flux-closing layer (18).
3. (*Currently Amended*) An array (10) of MRAM-cells (12) according to claim 2, wherein the magnetic field source (16) is a permanent magnet.
4. (*Currently Amended*) An array (10) of MRAM-cells (12) according to claim 2, wherein the magnetic field source (16) is an electromagnet.
5. (*Currently Amended*) An array (10) of MRAM-cells (12) according to any of the previous claims, wherein the security device (14) is built near the array (10) of MRAM-cells (12).
6. (*Currently Amended*) An array (10) of MRAM-cells (12) ~~according to any of the previous claims,~~ according to claim 1, the array (10) being built on a substrate (24), wherein the security device (14) is built at the same side of the substrate (24) as the MRAM-cells (12).
7. (*Currently Amended*) An array (10) of MRAM-cells (12) ~~according to any of the claims 1 to 5,~~ according to claim 1, the array (10) being built on a substrate (24), wherein the security device (14) is built at the opposite side of the substrate (24) as the MRAM-cells (12).

8. (*Currently Amended*) An array (10) of MRAM-cells (12) ~~according to any of claims 2 to 7,~~ according to claim 2, wherein the first soft-magnetic flux-closing layer (18) is so as to separate from the magnetic field source (16) when the array (10) of MRAM-cells (12) is tampered with.

9. (*Currently Amended*) An array (10) of MRAM-cells (12) ~~according to any of the previous claims,~~ according to claim 1, wherein the security device (14) furthermore comprises a magnetic field shaping device.

10. (*Currently Amended*) An array of MRAM-cells (12) according to claim 9, wherein the magnetic field shaping device is a second soft-magnetic layer (22), the magnetic field source (16) and first soft-magnetic layer (18) being located adjacent the array (10) of MRAM-cells (12) at one side, and the second soft-magnetic layer (22) being located adjacent the array (10) of MRAM-cells (12) at the opposite side thereof.

11. (*Currently Amended*) An array (10) of MRAM-cells (12) ~~according to any of claims 2 to 10,~~ according to claim 2, wherein the first soft-magnetic layer (18, 26) and/or the second soft-magnetic layer (22) are part of a shielding layer of the MRAM-array (10).

12. (*Currently Amended*) A method for protecting from unauthorised read-out an array (10) of MRAM-cells (12) having a data content, the method comprising automatically destroying the data content of at least some of the MRAM-cells (12) by a magnetic field when the array (10) is tampered with.

13. (*Currently Amended*) A method according to claim 12, wherein the magnetic field is generated at the MRAM-cells (12) by separating a soft-magnetic flux-closing layer (18, 26) from a magnetic field source (16, 28).

14. (*Currently Amended*) A method ~~according to any of claims 12 or 13,~~ according to claim 12, wherein the magnetic field at the MRAM-cells (12) is enhanced by a magnetic field shaping device (22) located adjacent the array (10) of MRAM-cells (12).